Suresh Allam

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Github: https://github.com/Allamsuresh7/git-to-local-computer.git

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Career Objective:

To contribute effectively in a challenging environment where I can continuously expand my knowledge and skills. Aiming to provide valuable contributions to the growth of the company while advancing my own career development.

Professional Summary:

- ➢ Proficient in web development, with experience in designing, architecting, and deploying websites.
- ➢ Hands-on experience with **HTML, CSS, Bootstrap, JavaScript,** and **ReactJS.**
- ➢ Skilled in making **REST API calls** using JavaScript and ReactJS.
- ➢ Designed templates using **HTML** and **CSS**.
- ➢ Familiar with version control using **GIT**.
- ➢ Involved in the design and development of large-scale applications using ReactJS.
- ➢ Understanding of website lifecycle and development processes.
- ➢ Strong foundational knowledge of programming languages and their basic implementations.
- ➢ Excellent written and verbal communication skills, with proven problem-solving abilities and experience working in multicultural environments.

Educational Profile:

- **Bachelor of Electronics and Communication Engineering**
  Sreyas Institute of Engineering and Technology
  CGPA: 6.62
  Year of Graduation: **2023**
- **Intermediate (MPC)**
  Sri Chaitanya Junior College
  Percentage: 88%
  Year of Completion: **2019**
- **SSC**
  Raasi DAV High School
  CGPA: 8.8
  Year of Completion: **2017**

Technical Skills:

- **Web Technologies:** HTML, CSS, Bootstrap, JavaScript, ReactJS
- **Backend Technologies:** Java(Core Java, Servlets, JSP, JDBC), MySQL, MongoDB(Database)
- **IDEs:** Visual Studio Code, Eclipse
- **Version Control:** Git, GitHub

<u>**Personal Project**</u>
E-commerce Website Development
Role: Software Developer (Self)
Duration: August 2023 – January 2024
Technologies: HTML | CSS | JavaScript | React.js | Bootstrap .

- Led the end-to-end development of a dynamic and high-performance e-commerce website, including the development of a web application for Swiggy using ReactJS.
- seamless online ordering experiences and boosted customer engagement through intuitive UI/UX design.
- Leveraged cutting-edge front-end technologies, implementing a component-based architecture.
- Structured the project with organized components, managed state effectively, and maintained a clear and modular codebase

Responsibilities:
- Designed and implemented the user interface using HTML, CSS, and JavaScript.
- Integrated Swiggy's APIs to **fetch** and process **JSON data** on a local server.
- Installed **NPM packages** in Visual Studio Code to manage project dependencies.
- Developed modular components (image, body, header, footer) to enhance code maintainability.
- Utilized Bootstrap and CSS for responsive and visually appealing website design; managed **DOM** elements effectively.
- **Mapped** and verified objects with Swiggy's app data to ensure data accuracy.
- Employed **export/import** of components across pages and utilized **React hooks (useEffect, useState)** and **React Router (Link, useRouterError)** for efficient state management and navigation.
- Implemented **shimmer card** loading effects and dynamic linking to improve user experience.
- Executed the project with **npm run start**, ensuring a smooth development process.
- Conducted thorough **testing** and **debugging**, reducing website bugs by 15% and improving overall performance by 20%.

<u>**Academic projects:**</u>

- **Robotic Vehicle Using RF and Solar Panel**
  - Transmitted RF signals to control the vehicle via a transmitter.
  - Implemented a solar cell system to recharge the vehicle's batteries.
  - Utilized Arduino as the central control unit to manage vehicle operations

- **Internet-of-Things (IoT) Based Drone Delivery System Developer**
  - Utilized GPS technology to detect and obtain the exact location of the drone.
  - Integrated ultrasonic sensor (HCSR04) to detect obstacles and rain sensor (LM393) to monitor precipitation.
  - Employed DHT11 sensor to measure temperature and humidity ranges.
  - Achieved comprehensive weather awareness through the integration of rain, temperature, and humidity sensors.

Certifications:

- **Cryptography and Network Security** - NPTEL
- **Digital Image Processing** - NPTEL
- **Optical Wireless Communication for Beyond 5G Network and IoT** - NPTEL

  https://archive.nptel.ac.in/noc/B2C/candidate_login/main.php

Inspanner Academy:

Full Stack Java Certification

- Successfully completed the "Full Stack Java" course from 01-March-2024 to 01-August-2024, achieving the required level of competence.

Hobbies:

- Traveling
- Listening to music
- Playing cricket

Personal Details:

- **Father's Name**: A. Nageshwar Rao
- **Mother's Name**: A. Nagasaidhamma
- **Date of Birth**: 07-July-2000
- **Gender**: Male
- **Languages Known**: Telugu, English, Hindi
- **Address**: Irkigudem (Vi), Damaracherla (Mandal), Nalgonda (Dist), Telangana (State), 508355

Declaration:

I hereby declare that the information provided above is accurate to the best of my knowledge, and I assume responsibility for the correctness of the details mentioned.

Name: **A. Suresh**
Place: Hyderabad